

Docket No. J11L02
US App. No. 10/656,008

IN THE CLAIMS:

1. (original) A single-core bidirectional optical transceiver module, which mainly includes: optical transceiver sleeve, laser diode package, photoelectric sensor, filter glass and combined-seat; it features the following: the combined-seat is rectangular, whose surface is made of stainless steel, the part included in it is made of plastic material by way of integration; it connects with the optical transceiver sleeve at the right side, connects with the laser diode package at the left side, connects again with the photoelectric sensor at its top; such three components are combined in the combined-seat and form an optical transceiver module; while the optical transceiver sleeve serves for the insertion combination of the optical fiber to form the optical coupling connection, so as to provide the product of this creation with the advantage of easy workability and low cost.
2. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein the combined-seat is a rectangular solid, ~~another side and one side of the combined-seat~~ is equipped with a rectangular hole.
3. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein ~~the~~ a central part of the combined-seat is equipped with two filter-mirrors.
4. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein ~~the optical transceiver sleeve is provided with a housing washer, and~~ the housing washer of the optical transceiver sleeve is made of stainless steel.
5. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein ~~the optical transceiver sleeve is provided with a housing washer, and~~ the housing washer of the optical transceiver sleeve is equipped thereon with a small flange and a large flange.
6. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein ~~the optical transceiver sleeve is provided with an inner ring, and~~ the inner ring of the optical

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transceiver sleeve is a ceramic ferrule.

7. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein the inner ring of the optical transceiver sleeve is equipped therein with a ceramic column embolus.

8. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein ~~the laser diode package is formed with a convex head, the graphical head of the laser diode package is placed in the left side of the combined-seat.~~

9. (currently amended) A single-core bidirectional optical transceiver module to claim 1, wherein ~~the photoelectric sensor is formed with a head, and the head of the photoelectric sensor is placed on the top of the combined-seat.~~

10. (currently amended) A single-core bidirectional optical transceiver module to claim 3, wherein ~~the inner ring of the optical transceiver sleeve is ceramic ferrule the optical transceiver sleeve is provided with an inner ring, and the inner ring of the optical transceiver sleeve is a ceramic ferrule.~~